



Answer All the Following Questions

The First Question (20 Marks)

Select the best answer from the following choices

1. According to Metcalfe's Law, the value of a network grows roughly by a power of _____ of the number of its users or nodes

- A. three
- B. four
- C. two
- D. five

2. This business model represents an arrangement in which businesses can turn other businesses into their virtual commissioned sales force.

- A. affiliate marketing
- B. viral marketing
- C. direct marketing
- D. virtual marketing

3. CRM stands for

- A. Customer Relationship Management
- B. Customer Responsibility Management
- C. Customer Reliability Management.
- D. Consumer Relational Management

3. _____ are intra-organizational Web-based secure networks that facilitate information access and collaboration.

- A. Extranets
- B. Virtual Private Networks
- C. Intranets
- D. EDI networks

4. Businesses in an alliance may

- A. share resources
- B. establish permanent supplier-company relationships
- C. create joint research efforts
- D. all of the above

5. "A set of programs that enable the hardware to process data" best describes

- A. Software
- B. Telecommuting
- C. Virtual corporations
- D. Database objects.

6. The architecture for EC is known as _____ computing, which connects

computers and other electronic devices via telecommunication networks

- A. Networked
- B. PC
- C. Mainframe
- D. Internet

7. Assuming that price is the only consideration, in a reverse auction, the highest bid wins.

- A. True
- B. False

8. In general, in order to respond to the many market, technology, and societal pressures surrounding the modern organization, the organization devises a set of critical response activities supported by information technology.

- A. True
- B. False

9. _____ refers to the conduct of e-commerce via wireless devices.

- A. E-commerce
- B. L-commerce
- C. M-commerce
- D. I-commerce

10. A company that performs most of its business functions electronically in order to enhance its operations and competitiveness is

- A. E-Business
- B. Electronic Commerce
- C. Information technology
- D. Intranet

11. A use of web-based systems to support buying selling and customer service exemplifies

- A. E-business
- B. E-Commerce
- C. Network
- D. Distributed computing

12. Connects computers and other electronic devices via telecommunication networks

- A. Intranet
- B. Internet

C. Networked Computing

D. Extranets

13. _____ are self-contained, self-describing business and consumer modular applications, delivered over the Internet, that users can select and combine through almost any device, ranging from personal computers to mobile phones.

- A. XML
- B. Web Services
- C. Object Services
- D. Information Services

14. _____ includes the system hardware, development software, networks and communications facilities, databases, and information systems personnel.

- A. Physical data model
- B. Information infrastructure
- C. Systems architecture
- D. Information architecture

15. A _____ handles the day-to-day, routine, repetitive tasks that are essential to the operation of the organization. Activities supported include the monitoring, collection, storage, processing and dissemination of the organization's basic business transactions.

- A. Transaction Processing System
- B. Management Information System
- C. Knowledge Management System
- D. Office Automation System

16. _____ is a group of programs that manipulate the database and provide an interface between the

The Second Question (7 Marks)

- a) Briefly define information technology, mobile computing, and m-commerce.
- b) What is information system and list its main components.
- c) Compare between a networked computing and networked organizations.

The Third Question (7 Marks)

- a) Define data, information, knowledge, TPS, and MIS.
- b) What information systems support the work of groups?
- c) Distinguish between a mainframe and a distributed environment.

The Fourth Question (6 Marks)

- a) Briefly describe differences and relationships between intranets and extranets.
- b) What are major benefits and limitations of working in groups?
- c) Compare between corporate portals and information portals.

database and its users and other application programs.

- A. DBMS
- B. DBA
- C. IS
- D. DBS

17. A(n) _____ is a description of the entire database.

- A. ERD
- B. DBMS
- C. table
- D. schema

18. A(n) _____ is a collection of related data fields.

- A. character
- B. computed field
- C. record
- D. file

19. A(n) _____ is the basic building block of information, consisting of uppercase letters, lowercase letters, numeric digits, or special symbols.

- A. character
- B. field
- C. record
- D. file

20. _____ is a visual approach to developing database queries or requests.

- A. DDL
- B. QBE
- C. DML
- D. DAL

With my best wishes